

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Landers et al.

Group Art Unit: Unassigned

Serial No.: Unassigned

Examiner: Unassigned

Filed: Herewith

Docket No.: 821603-1060

For: Apparatus and Method for Reducing Buildup of  
Particulate Matter in Particulate-Matter-Delivery Systems

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☒ under 37 CFR 1.97(b), or  
(within Three months of filing national application; or date of entry of international application; or before  
mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement Under 37 C.F.R. 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever  
occurs first)
- ☐ under 37 CFR 1.97(d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the  
issue fee)

Enclosed is a check in the amount of \$ . Please charge \$ to deposit account 20-0778. At any time during the  
pendency of this application, please charge any fees required to Deposit Account 20-0778 pursuant to 37 CFR 1.25. The  
Commissioner is hereby requested to credit any overpayment to Deposit Account No. 20-0778.

- ☒ Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies of  
patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may or may not  
be material to the examination of this application and for which there may be a duty to disclose in accordance with 37  
CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each document is provided.
- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and  
other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in  
37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent  
is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English  
language version of the search report or action which indicates the degree of relevance found by the foreign office is listed  
on the form PTO 1449 and is enclosed herewith.

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.

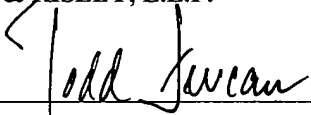
This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**

By:

  
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Form PTO-1449					Attorney Docket No. <b>821603-1060</b>		Serial No. <b>Unassigned</b>	
<b>INFORMATION DISCLOSURE CITATION</b>					Applicant <b>Landers et al.</b>			
<i>(Use several sheets if necessary)</i>					Filing Date <b>Herewith</b>		Group <b>Unassigned</b>	

U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	3,937,192	02/10/76	Longhouse	123	41.49	
	B	4,086,847	05/02/78	Overmyer	98	115	
	C	4,088,270	05/09/78	Maiden	239	265.25	
	D	4,682,506	07/28/87	Wiench et al.	73	863.54	
	E	4,958,741	09/25/90	Johanson	220	83	
	F	5,016,818	05/21/91	Nash et al.	239	127.1	
	G	5,470,439	11/28/95	Makino et al.	162	216	
	H	5,645,381	07/08/97	Guidetti et al.	406	156	
	I	5,785,880	07/28/98	Heaslip et al.	222	594	
	J	5,944,261	08/31/99	Heaslip et al.	239	553.5	
	K	6,027,051	02/22/00	Heaslip et al.	239	590.5	
	L	6,055,781	05/02/00	Johanson	52	197	
	M	6,336,573 B1	01/08/02	Johanson	222	412	
	N	6,464,154 B1	10/15/02	Heaslip et al.	239	590.5	

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes    No
	O						
	P						

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>		
	Q	K-Tron Soder "Twin Screw Volumetric Feeder"
	R	K-Tron Soder "Dosiergeräte-Norm K-TRON SODER"
	S	Jenike & Johanson Inc.; Carson et al.
		"How to Design Efficient and Reliable Feeders for Bulk Solids"

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:	DATE CONSIDERED:
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